

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A product control method of controlling processes of producing a product by wireless communication between a communication device associated with said product and a computer controlling said process of producing said product, comprising the steps of:

preparing in said computer a control table storing control data controlling said product corresponding to an identification number for identifying said communication device;

transmitting said identification number and information requesting the control data, from said communication device to said computer by wireless communication;

transmitting, from said computer to said communication device identified by said identification number, control data stored in said control table corresponding to said received identification number in response to reception of said identification number and said information requesting the control data from said communication device;

receiving in said communication device said control data from said computer; and outputting control data relating to said product in a form recognizable to a person based on said received control data.

2. (Previously Presented) The product control method according to claim 1, wherein said control data include progress status information on said product in said processes and process condition data in said processes, and

said step of outputting said control data includes the step of outputting process condition data in a following process of said product in the form recognizable to the person.

3. (Currently Amended) The product control method according to claim 2, wherein said product control method further includes the step of transmitting said modified process condition data to a production facility for producing said product by wireless communication from said communication device.

4. (Original) The product control method according to claim 1, wherein said control data includes operation results at said producing process, and said step of outputting said control data includes the step of outputting in said communication device said operation results in the form recognizable to the person.

5. (Original) The product control method according to claim 1, further comprising the step of transmitting operation results at said process from said communication device to said computer.

6. (Original) The product control method according to claim 5, further comprising the step of receiving said operation results from said production facility by wireless communication in said communication device.

7. (Original) The product control method according to claim 5, wherein said communication device attached to said product is a communication device having a bar code reading device, bar code indicated a plurality of operation results is prepared in said process, and said product control method further includes the step of reading said bar code selected by the operator.

8. (Original) The product control method according to claim 5, further comprising the step of taking an image of said product after said operation in said process, wherein said result data is image data, in said image taking step, representing a product after the operation.

9. (Original) The product control method according to claim 8, wherein said communication device attached to said product is a portable telephone device having an image pickup device, and said step of taking an image of said product after said operation includes the step of taking an image of said product after said operation in said process using said image pickup device of said portable telephone device.

10. (Original) The product control method according to claim 1, wherein said communication device attached to said product is a portable telephone device.

11. (Previously Presented) A product control method of controlling a process of producing a product by a communication device associated with said product and a computer controlling said process of producing said product by wireless communication, comprising the steps of:

preparing in said computer registration data of said product corresponding to an identification number for identifying said communication device;

selecting said product stored in said registration data;

transmitting calling data from said computer to said communication device designated by said identification number corresponding to said product selected in said step of selecting said product; and

performing a prescribed operation in said communication device identified by said calling data based on said received calling data in response to reception of said calling data from said computer.

12. (Original) The product control method according to claim 11, wherein said registration data is data of said products divided into a plurality of groups, said step of selecting said product includes the step of selecting one of said plurality of groups, and

said step of transmitting calling data includes the step of transmitting first calling data from said computer to said communication device identified by said identification number corresponding to the products included in said one group.

13. (Original) The product control method according to claim 12, wherein said step of transmitting said calling data includes the step of transmitting first calling data from said computer to said communication device identified by said identification number corresponding to said product included in said one group.

14. (Original) The product control method according to claim 12, wherein said step of selecting said product further includes the step of selecting another group, other than said one group, among said plurality of groups,

said step of transmitting said calling data further includes the step of transmitting second calling data from said computer to said communication device identified by said identification number corresponding to the product included in said another group, and

said step of performing said prescribed operation includes the step of selectively performing first and second operations based on a fact that said calling data is said first or second calling data in response to reception of said calling data from said computer.

15. (Original) The product control method according to claim 11, wherein said communication device attached to said product is a portable telephone device, and said prescribed operation outputs ringing tones of said portable telephone device from a speaker.